SHUHAMARSAIN; S.

In progressive mines of the Donets Basin; stories by supervisers of progressive mines about working on the continuous cycle schedule Moskva, Ugletekhizdat, 1954. 32 p. (55-29885)

1. Coal mines and mining - Russia - Donets Basin.

SHCHARAUSKIY, B.

World record set by drifters; brigade of sikolai Tikhonov, hero of socialist labor, has sunk a 200,6 mater vertical shaft in April. Ugol' Ukr. 3 no.6:2 of cover de 15% (MIRA 12:11)

(Coal mines and mining--Labor productivity)

PILYUKHANOV, L.S.; SHCHARANSKIY, B.M.

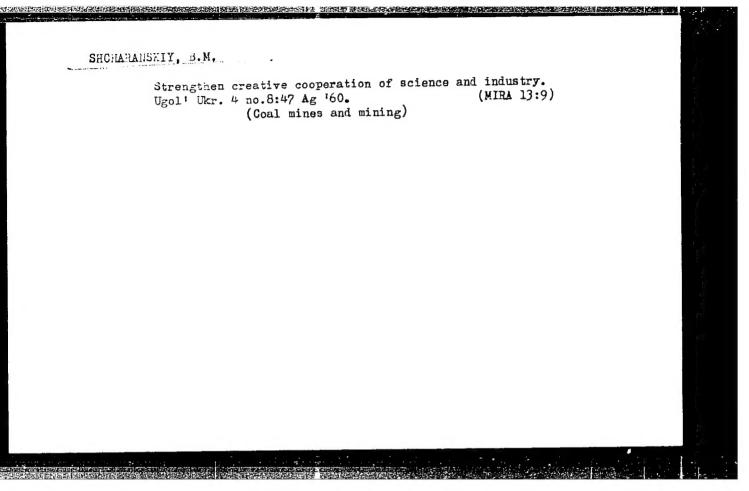
To fight persistently for the improvement of all technical and economic indices. Ugol' Ukr. 3 no.7:47 Jl '59. (MIRA 12:11) (Lugansk Province--Coal mines and mining)

PILTUKHAHOV, L.S.; SHCHARANSKIY, B.M.

Strengthening the links between science and production.

Ugol' Urr. 3 no.8:48 Ag '59. (MIRA 12:12)

(Lugansk Province--Coal mines and mining)



SHCHARANSKIY, 3.M.

Faultless functioning of apparatuses. Ugol' Ucr. no.6:43-44
Je '60. (KIRA 13:7)

1. Sobstbenny korrespondent zhurnala "Ugol' Ukrainy."

(Coal mining machinery)

(Automatic control)

(Electric driving)

SHCHARANSKIY, B.M.

Improvements in the equipment and technology of coal preparation. Ugol' Ukr. 4 no. 11:47-48 N '60. (MIRA 13:12)

Spetsial'nyy korrespondent zhurnala "Ugol' Ukrainy".
 (Coal preparation)

In scientists' laboratories. Ugol' Ukr. 5 no.4:46 Ap '61.

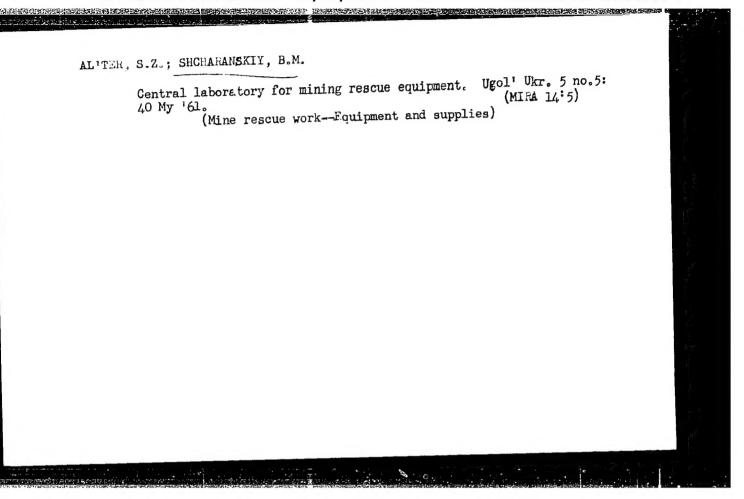
(Coal mining machinery—Research) (Automatic control)

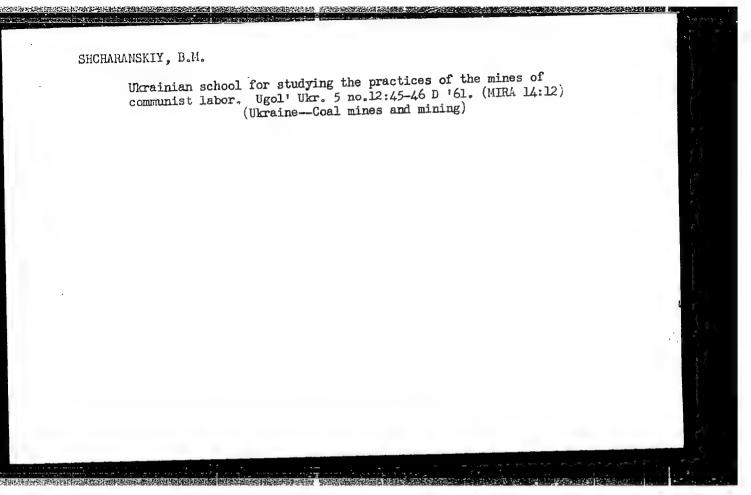
SHCHARANSEIY, F.P.

Hydraulic mining methods are being improved in this institute. Ugol'
Ukr. 5 no.7:46-47 Jl '61. (MiRA 15:1)

1. Spetsial'nyy korrespondent zhurnala "Ugol' Ukrainy".

(Ukraine--Mining research) (Hydraulic mining)





SHCHARANSKIY, B. M.

For a further upswing of the Donets Basin coal mining industry. Ugol! Ukr. 6 no.10:47-48 0 '62. (MIRA 15:10)

1. Korrespondent zhurnala "Ugol' Ukrainy".

(Donets Basin-Coal mines and mining)

SHCHARANSKIY, B.M.

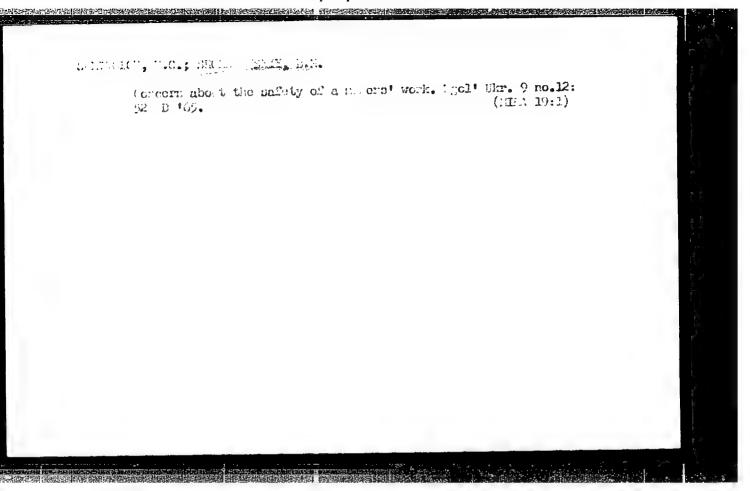
Conference of the mechanizers of mines in the Donetsk Province.
Ugol' Ukr. 6 no.11:16 N '62. (MIRA 15:12)

1. Korrespondent zhurnala "Ugol' Ukrainy".
(Donets Basin-Coal mines and mining)
(Efficiency, Industrial)

FOZENBERG, F.Ya.; SHCHARANSKIY, B.M.

Brief news. Ugol' Ukr. 7 no.7:55-56 Jl '63. (MIRA 16:8)

1. Korrespondent zhurnala "Ugol' Ukrainy."
(Coal mines and mining)
(Coal mining machinery.—Safety appliances)



MEYTUS, Mikhail Emmanuilovich; SHCHARINSKIY, Boris Yakovlayich;
LANTSOV, V.A., red.; ALAEYSHEVA, N.A., red. izd-va;
GVIRTS, V.L., tekhn. red.

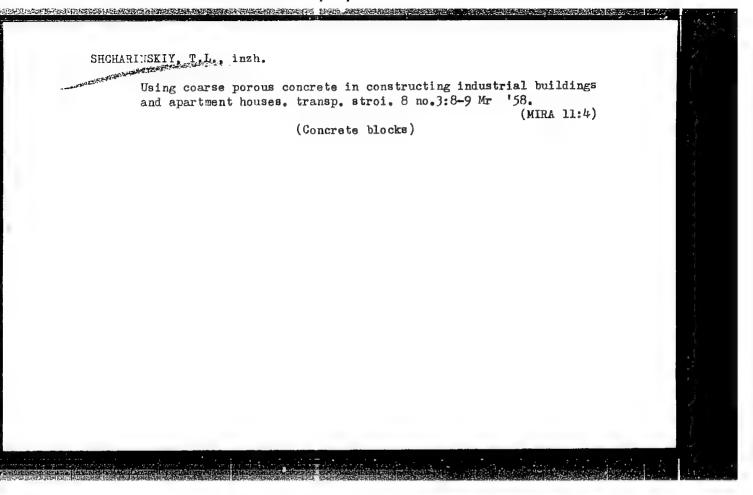
[Sandblasting the facades of buildings] Peskostruinaia
ochistka fasadov zdanii. Leningrad, 1963. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia:
Stroitel'noe proizvodstvo, no.10)

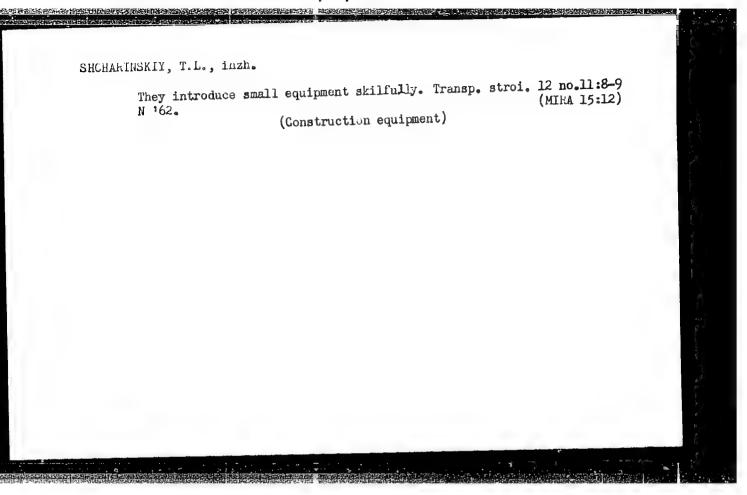
(MIRA 17:3)

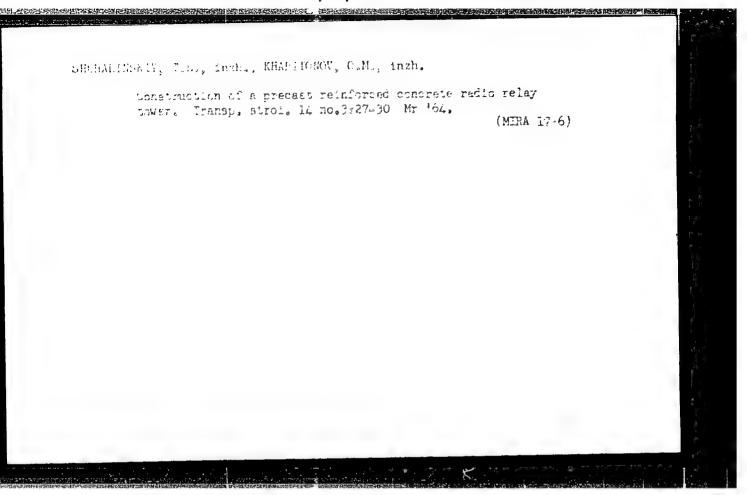
SHCHARINSKIY, T.

New residential microdistricts in Baku. Zhil.stroi. no.10:
16-19 '59. (MIRA 13:2)

1. Glavmyy inzbener instituta Bakgiprogor, g.Baku.
(Baku--City planning)







"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001548730006-7

L 18319-63 EWP(q)/EWT(m)/BDS AFFTC/ASD Pad JD/HW S/0076/63/037/008/1845/1846

AUTHOR: Shcharivker, S. Yu.

TITLE: Special features of the oxidation of porous nickel

SOURCE: Zhurnal fiz. khimii, v. 37, no. 8, 1963, 1845-1846

TOPIC TAGS: oxidation of nickel, nickel

ABSTRACT: Author describes the special features found in the exidation of porous nickel. He then attempts to explain these special features. Material used in the study was electrolytic nickel in <u>powder</u> form. Author showed that the sample becomes coated with a dense oxide film after short period of time. This film covers the metal and pores. The sample is further exidized very slowly by diffusion through the exide film. Weight addition during exidation in air at 600C is greater than when heated at 800C, provided the samples peresity is greater than 10-12%. In the case of greater density, weight addition (on account of exide) does not depend upon the peresity, and is equal to the weight of the exide of compact nickel. Author states that explanation of this phenomena may be the fact that the pores on the surface become clogged up with the exides. Orig. art. has: I figure.

Card 1/2

L 18319-63

ACCESSION NR: AP3004980

ASSOCIATION: Proyektno-konstruktorsko-tekhnologicheskiy institut Kiyevskogo SNKh (Planning-design-engineering institute of the Kiev council of national economy)

SUBMITTED: 28Ju162

DATE ACQ: O6Sep63

ENCL: 00

SUB CODE: PH, CH

NO REF SOV: 004

OTHER: 000

Card 2/2

CHCHARCY, V. M.; GUDCHENKO, A. P.; and STEPANOVA, M. G.

Research regarding Some Methods of Making Electrons in Liquid Condition. Works of the Moscow Aviation Technological Institute," Issue No. 4, Defense Industry Publ. House, Moscow, 1948.

SHCHASNA, N.Ye.

Interrelationship between streptomycin and the dysentery bacteriophage.
Mikrobiol. zhur. 14 no.4:46-49 '52. (MLRA 6:11)

1. Z Odes'kogo derzhavnogo medichnogo institutu im. Pirogova.
(Streptomycin) (Bacteriophagy) (Dysentery)

SHCHASTLIVYY, I.N., mayor veterinarnoy sluzhby

Rodent control in camp. Voen.-med.zhur. no.7:64-65 Jl '56.
(RODENT CONTROL)

(MLRA 9:11)

SKORODINSKAYA, V.V.; SHCHASTNAYA, N.E.

Biological activity of immune sera. Zhur. mikrobiol. epid. i immun. 31 no. 5:79-82 My '60. (MIRA 13:10)

l. Iz Ukrainskogo eksperimental'**n**ogo nauchno-issledovatel'skogo institute glaznykh bolezney i tkanevoy terapii imeni akad. Filatova. (TETANUS)

SKOHODINSKAYA, V.V. [Skorodyna ka, V.V.]; SHCHASTNAYA, N.E. [Shchastna, N.IF.]

Observations on the biological activity of immune sera. Mikrobiol. zhur. 23 no.1:57-61 '61. (MIRA 14:5)

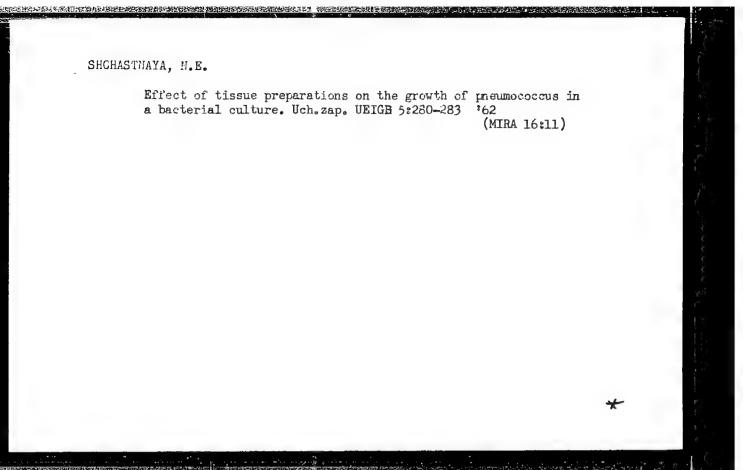
1. Ukrainskiy nauchno-issledovatel'skiy institut bolezney i tkanevoy terapii im. akademika V.P.Filatova.
(SERUM)

MUCHNIK, S.R., prof.; SKORODINSKAYA, V.V., starshiy nauchnyy sotrudnik; SOLOV'YEVA, V.P.; SHCHASTNAYA, N.E.

State of certain functional systems of the organism in high myopia. Oft. zhur. 17 no.1:32-38 '62. (MIRA 15:3)

l. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo instituta glaznykh bolezney i tkanevoy terapii imeni akademika V.P. Filatova (dir. - prof. N.A. Puchkovskaya).

(MYOPIA)



MEKLER, M.M., otvetstvennyy red.; BASHLAVINA, G.N., red.; VORONINA, A.N., red.; GUREVICH, I.V., red.; ZASLAVSKIY, I.I., red.; KOZLOV, F.M., red.; LARIN, D.A., red.; RAUSH, V.A., red.; SAMOYLOV, I.I., red.; SIADKOVAYA, Ye.A., red.; STROYEV; K.F., red.; SHCHASTNEY, P.N., red.; TUTOCHKINA, V.A., red.; SHUROV, S.I., predsedatel, red.; ERDELI, V.G.

[Geographical atlas for the fifth grade] Geograficheskii atlas dlia 5-go klassa. Moskva [1957] 16 p. (MIRA 11:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii. (Maps)

SHCHASTNYY, D.S.; KOMAROVA, V.S.

Observations on the effect of inactivated penicillin on smallpox vaccination virus. Mikrobiol. zh., Kiev 15 no.1:52-58 1953. (CIML 25:5)

1. Of Odessa Medical Institute.

DROBOT'KO, V.G.; SHCHASTNIY, D.S., kandidat medichnykh nauk, dotsent

Vladimir Petrovich Filatov; on his Soth birthday, Mikrobiol. zhur.
17 no.1:3-4 '55 (MIRA 10:5)

1. Diysniy chlen AN URSR (for Drobot'ko)
(BIOGRAPHIES,
Filatov, Vladimir P.) (Uk)

USSR / General Problems of Pathology. Transplantation U-2 of Tissues and Tissue Therapy.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 70730.

Author : Shchastnyy D. S.

: Not given. Inst

: The Effect of Tissue Extracts on the Immunological Title

Properties of an Organism.

Orig Pub: Tr. Yubil. Nauch. Konferentsii. posvyashch. 80letiyu akad. V. P. Filatova, Gosmedizdat USSR.

1956, 173-176.

Abstract: Rabbits or mice who had been given tissue extracts demonstrated resistance to experimentally induced pyogenic, typhoid and anaerobic infection. Tissue therapy increases the phagocytic activity of leukocytes and the production of antibodies. The inflammatory reaction (of bacterial, toxic or

Card 1/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001548730006-7

USSR / General Problems of Pathology. Transplantation of Tissues and Tissue Therapy.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 70730.

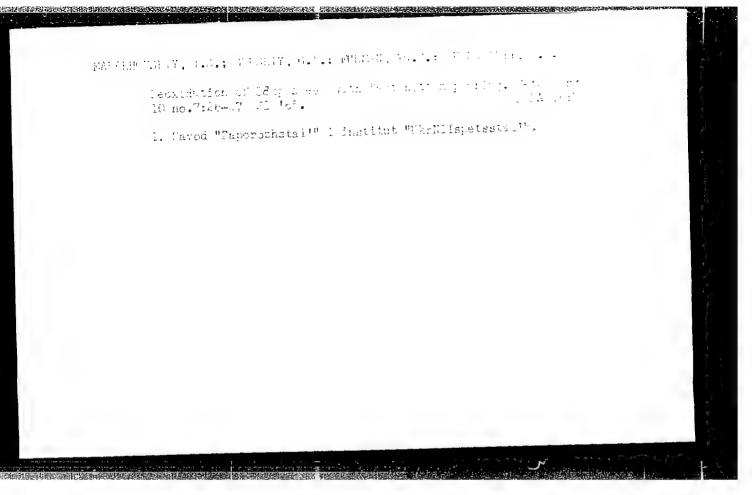
Abstract: allergic origin) appears and disappears faster, the epidermis becomes susceptible to easy penetration by pyogenic and anaerobic microbes, and a desensitizing action is observed.

SHCHAST.YY, F.F. (Moskva)

Effect of autonomic nervous system mediators on the final stage of phagocytosis. Pat. fiziol. eksp. ter. 7 no.5:71-72 S-0'163 (MIRA 17:2)

1. Iz laboratorii patofiziologii (zav. - prof. N.V.Puchkov)

Instituta pediatrii AMN SSSR.



LITVINENKO, D.L.; SHCHASTNY, P.M. YAKUSHIN, V.I.; VASIL'YEV, A.N.;
PODYMOGIN, I.Ye.; YUDIH; N.S.; YEVSTAF'YEV, Ye.I.; RUBINSKIY, P.S.;
ELIMELAKH, R.Z.; M.RSHCHIY, N.F.

Greater use in industry of semikilled steel. Metallurg 8 no.3:10-19
(MIRA 16:3)

Mr '63. (Steel-Metallurgy)

YRVINOV, Ye.A.; SAPKO, V.N.; GREBENYUK, V.P.; PIORO, E.Ch.; SHCHASTNYY, P.M.; KSENZUK, F.A.; SHIRINSKIY, D.I.; TOLSTYKH, V.I.

Rapid top pouring of rimmed steel into ribbed ingot molds. Metal-lurg 8 no.ll:17-19 N '63. (MIRA 16:12)

SHEHASTNY, P.M.; YAKOCHIK, V.I.; SHOR, V.I.

Improving the technology of pouring killed steel. Metallurg 3 (MIRA 17:4)

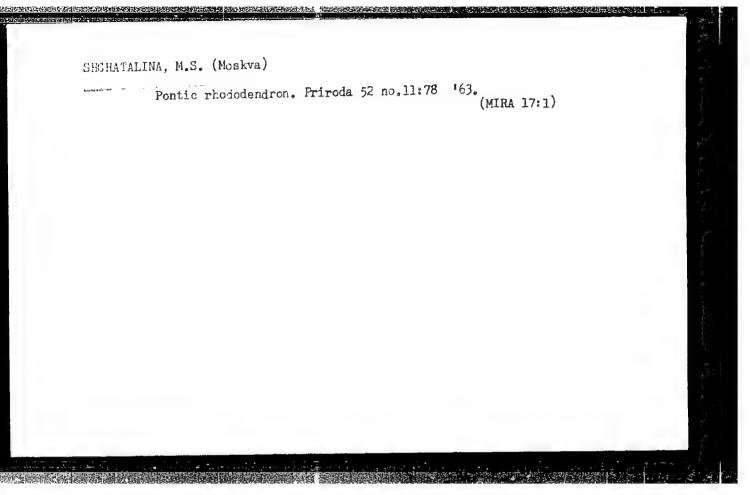
SERGOVANTSEV, V.T., kand.tekhn.nauk; YURASOV, V.V., kand.tekhn.nauk; ALUKER, Sh.M., kand.tekhn.nauk; AMDRIANOV, V.N., doktor tekhn. nauk; ASTAF'YEV, N.N., kand.tekhn.nauk; BUDZKO, I.A., akademik; BYSTRITSKIY, D.N., kand.tekhn.nauk; VEYALIS, E.S., kand.tekhn. nauk; GIRSHBERG, V.V., inzh.; GORSHKOV, Ye.M., inzh.; GRI-CHEVSKIY, E.Ya., inzh.; ZAKHARIN, A.G., doktor tekhn.nauk; ZLATKOVSKIY, A.P., kand.tekhn.nauk; IOSIPYAN, S.G., inzh.; ITSKOVICH, A.M., dotsent: KAUFMAN, B.M., inzh.; KVITKO, M.N., inzh.; KORSHUNOV, A.P., inzh.: LEVIN. M.S., kand.tekhn.nauk; LOBANOV, V.N., dotsent; LITVINERKO, A.F., inzh.; MERKELOV, G.F., inzh.; PIRKHAVKA, P.Ya., kand. tekhn. neuk; PRONNIKOVA, M.I., kand.tekhn.nauk; SMIRNOV, B.V., kand.tekhn.nauk; FATTU-SHENKO, S.G., inzh.; KHODNEY, Y.Y., inzh.; SHCHATS, Ye.L., kend.tekhn.nauk; EBIN, L.Ye., doktor tekhn.nauk; ENTIN, I.A., kand.tekhn.nauk; SILIN, V.S., red.; SMELYANSKIY, V.A., red.; BALLOD, A.I., tekhn.red.; SMIRHOVA, Ye.A., tekhn.red.

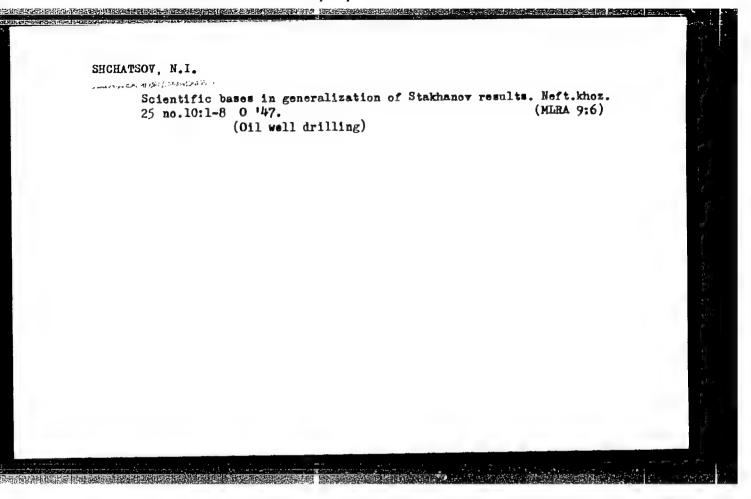
[Handbook pertaining to the production and distribution of electricity in agriculture] Spravochnik po proizvodstvu i raspredeleniiu elektricheskoi energli v sel'skom khozisistve. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 900 p. (MIRA 13:2)

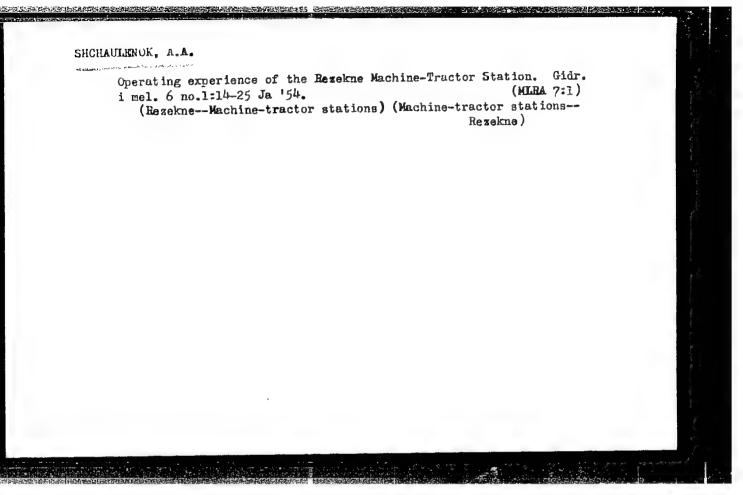
1. Vsesoyuznaya akademiya seliskokhozyaystvennykh nauk imeni V.I. Lenina (for Budzko). (Rural electrification)

SHCHATS-MSHVELIDZE, M. I., Doc Med Sci — (diss) "Data pertinent to the problem of neuro-achillic syndrome." Tbilisi, 1958. 30 pp (Tbilisi State Med Inst), 200 copies (KL, 18-58, 102)

-95-





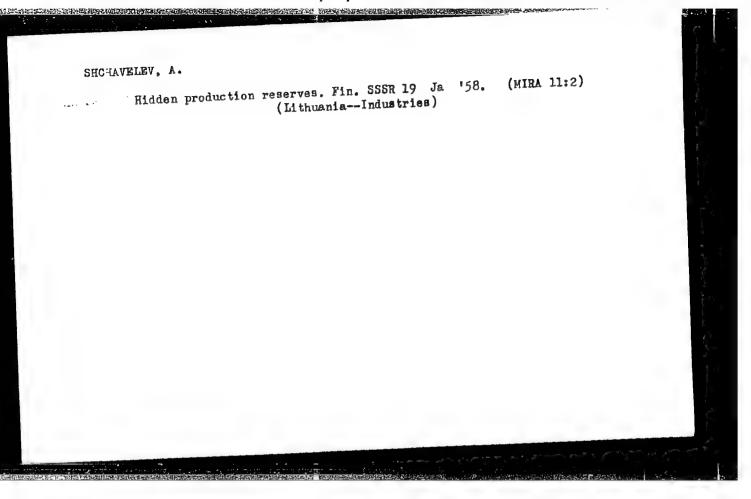


SHCHAVELEY, A.

Keeping check of the economic activity of establishments. Fin. SSSR
18 no.4:50-56 Ap '57.

1. Nachal'nik otdela finansirovaniya promyshlennosti, torgovli i
kooperatsii Ministerstva finansov Litovskoy SSR.

(Lithuania--Productivity accounting)



Analyzing fulfilment of the profit plan at automobile depots.

Fin. SSSR 20 no.7:73-77 Jl '59. (MIRA 12:11)

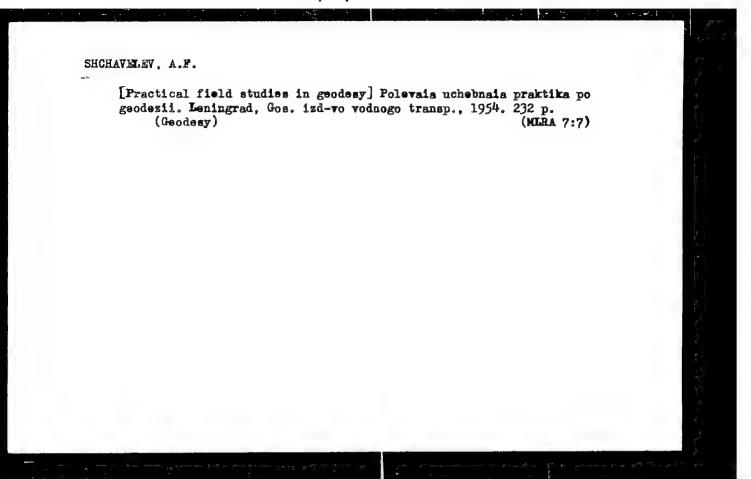
1. Nachal'nik otdela Ministerstva finansov Kazakhskoy SSR.
(Alma-Ata Economic Region--Transportation, Automotive---Finance)

A. B. Shcharels?

Condest (large-scale curreying)

Ministry of River Flort of USSR, Leningred
1950, 360 pages

Front Monthly list of Russian Accessions
January 1951, Vol. 3, No. 10, p. 7



SHCHAVELEV. Aleksey Fedorovich, kandidat tokhnicheskikh nauk; STEPANOV, N.N., redaktor; VOLCHOK, K.M., terhnicheskily redaktor

[Geodesy] Geodeziia. Leningrad, Izd.vo "Rechnoi transport," Leningradsce otd-nie, 1956. 280 p.

(Geodesy)

(Geodesy)

TUMAHOV, Venlamin Vesil'yevich; ZERMOV, S.A., inzh., retsenzent; IVANOV.

V.Ye., inzh., retsenzent; SHCHAVELEY.A.F., red.; VOLCHOK, K.M.,

tekhr.red.

[Investigation of rivers and lakes] Rechnye i ozernye izyekaniia.

Leningrad, Izd-vo "Rechnoi transport," Leningr.otd-nie, 1960. 264 p.

(Hydrographic surveying)

(Hydrographic surveying)

SHCHAVELEV, Aleksey Fedorovich; KUDRITSKIY, D.M., red.; VOLCHOK,
K.M., tekhn. red.

[Geodesy]Geodeziia. Leningrad, Izd-vo "Rechnoi transport,"
1962. 332 p. (MIRA 16:1)

"The power engineering aspects of sensonal regulation of water current."

Dissertation for Candidate of Technical Sciences, Leningrad Polytechnical Institute im. Kalinin (LPI)

Subject: Hydropower Engineering

Gidrotekhnicheskoye, stroitel'stvo, 12, 1946.

SHCHAVELEY, D.S. I KUZNETSOY, N.N.

25698

Opredeleniye poter' sutochnogo regulirovaniya na deystvuyushchikh gidrostantsiyakh. Trudy Leningr. Politekhn. In-Ta im. Kalinina, 1948 No. 5, s. 214-21

E. Elektrotekhnika Elektrifikatsiya

SO: LETOPIS; No. 34

AID P - 3377

Subject

USSR/Hydr Eng

Card 1/1

Pub 35 - 8/16

Author

: Shchavelev, D. S., Eng.

Title

Estimating the draft capacity of a reservoir for

seasonal and long-range control of flow

Periodical

: Gidr. stroi., 6, 25-28, Je 1955

Abstract

A mathematical analysis demonstrating the manner in which the computation of the available draft capacity can be made for different types of reservoirs. The Leningrad branch of Institute for Planning of Hydro Fower Construction follows

this method in their work. One diagram.

Institution :

None

Submitted

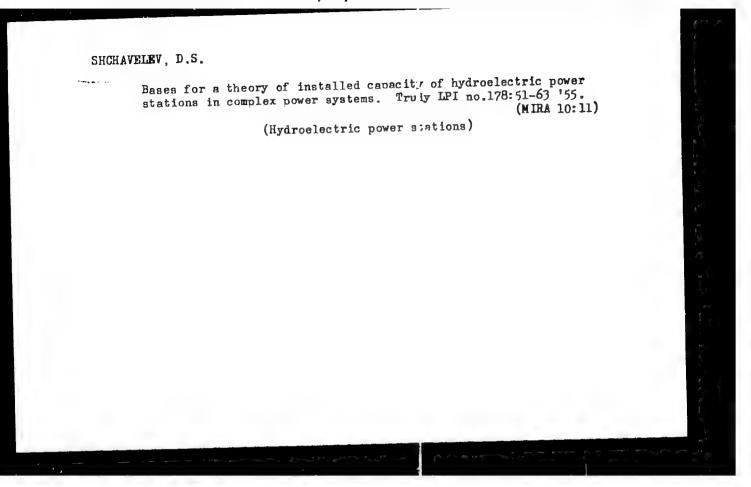
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112-1-338

Selection of the Operating Head for a Water-Wheel Unit. (Cont.)

suggested method was utilized by the Lengidroenergoproyekt to plan the assignments of several hydroelectric power stations and to substantiate the capacity of generators selected in planning the restoration of the Dneproges. In designing new hydroelectric power stations, the most advantageous (from the economic point of view) hydraulic turbine rotor diameters, capacities and speeds, operating as well as the maximum, minimum and average heads are determined. A method of preliminary approximate determination of the operating head is suggested. 2: The power system undergoes great seasonal load reductions. This eliminates the necessity of having a repair reserve. The installed capacity is selected according to the guaranteed capacity during the maximum load period. In this case one can accept the head value at the moment of marimum load as the guaranteed value of the operating head. When the mirror of the reservoir

Card 2/3



SHCHAVEL'YEV, D. S. Prof. Dr. Tech. Sci.

"Water Power in Multipurpose Plants and the Establishment of Grid Tystems," paper presented at the 5th World Power Conference, Vienni, 1956

In Branch #5

LOGINOW, F.G.; BASEVICH, A.Z.; ERLOV, A.V.; VOZHESENSKIY, A.N.; GLEBOW, P.D.;
KACHANOVSKIY, B.D.; KRAVTSOW, V.I.; LEVI, I.I.; MCROZOW, A.A.; NOSOW,
R.P.; OKOROKOW, S.D.; PROSKURYAKOW, B.V.; STAROSTIN, S.M.; URAZOW, A.A.;
CHERTOUSOW, M.D.; CHUGAYEW, R.R.; SHCHAVELEW, D.S.; YAGN, Yu.I.

V.S.Baumgart.; obituary. Gidr.stroi. 25 no.5:58 Je '56. (MLRA 9:9)
(Baumgart, Vladimir Sergenwich, d.-1956)

SHCHAVELSW, D.S., doktor tekhnicheskikh nauk, professor.

Selecting calculated head pressure for turbines. Gidr. stroi.

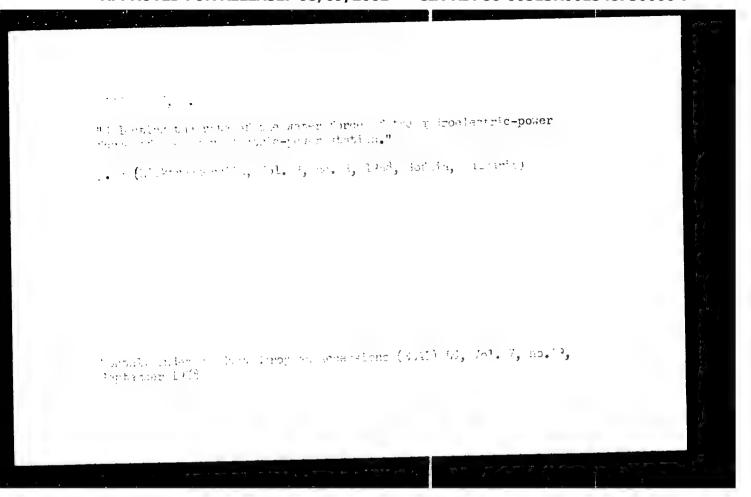
25 no.7:40-47 Ag '56.

(Hydraulic turbines)

"APPROVED FOR RELEASE: 08/09/2001 C

CIA-RDP86-00513R001548730006-7

SHCHAVELEV D. 5. SOLAV IMV, D. S. ANOSOV, F.V., inzh.; GAMUS, I.M., inzh.; GARKAVI, Yu.Ye., inzh.; GOL'SHMAN, G.S., inzh.; YEVDOKIMOV, A.A., inzh.; YERHMEYEV, A.S., inzh.; ZHMUD', A.Ye., inzh.; KELAREVA, N.N., inzh.; KLOCHKOV, A.P., inzh.; LANG, A.G., inzh.; MENGEL, E.Ya., inzh.; MOROZOV, A.A., prof., doktor tekhn.nauk [deceased]; SEREBRYAKOV G.M., inzh.; SMIRNOV I.N., dotsent, kand.tekhn.nauk; SMIRNOV, K.I., dotsent; SHCHAVELEV, D.S., prof., doktor tekhn.nauk; SHCHERBIR:KATA, N.N., inzh.; KOVALEV, N.N., red.; MOZHEVITINOV, A.L., "ed.; ZABRODINA, A.A., tekhn.red. [Turbine equipment of hydroelectric power stations: handbook on designing] Turbinnoe oborudovanie gidroelektros antsii; rukovodstvo dlia proektirovaniia. Izd. 2., perer. i dop. Pod obshchei red. A.A. Moro-zova. Moskva, Gos. energ. izd-vo, 1958. 519 p. (MIRA 12:1) 1. Vsesovuznyy institut "Gidroenergoproyect," Leningradskoye otde-(Hydraulic turbine:) leniye.



SHCHAVELEV, D.S., prof., doktor tekhn.nauk

Taking the time factor into account in the comparison of various types of hydroelectric power plants. Izv.vys.ucheb. zav.; energ. 3 no.5:152-160 My 60. (MIRA 13:6)

1. Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina.

(Hydroelectric power stations)

SHOWAVULEV, D.S., doktor tekhn.na ik prof.

Engineering and economic bases for differentiating between individual water consumers in a complex hydroelectric power center. Izv.vys.ucheb.zav.;energ. 3 no.10:104-113 0 160.

(MIRA 13:11)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina. Predstavlena kafedroy ispol'zovaniya vodnoy energii.

(Hydroelectric power stations)

SECHAVELEY, D.S., prof., doktor tekhn.nauk

Making objects comparable from the point of view of the time of incurred expenditures. Gidr.stroi. 30 no.8:28-32 Ag '60.

(MIRA 13:8)

(Hydroelectric power stations)

HEPCROZHHIY, P.S.; BELYAKOV, A.A.; VOZHESKISKIY, A.H.; GLEBOV, P.D.;

KACHANOVSKIY, B.D.; BAGKVICH, A.Z.; TARBAKOVSKIY, D.H.;

VASILITEV, P.I.; ZARBATEV, H.V.; CHEGAYEV, R.R.; KOZHEVNIKOV,

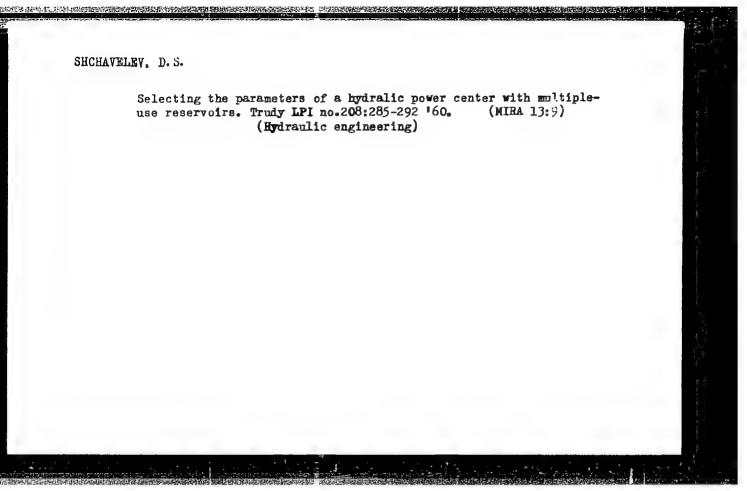
M.P.; ELOROZ, V.S.; IVANOV, P.L.; SHOZAVZLEV, D.S.: OKOROCOV,

S.D.; JELOV, A.V.; STAROSTIN, S.M.; YAGE, YU.I.; IZBASH, S.V.

Ivan Ivanovich Levi; on his 60th birthday. Gidr. stroi. 30

no.9:61-62 S '60. (MIRA 13:9)

(Levi, Ivan Ivanovich, 1900-)



SHCHAVELEV, D.S., prof., doktor tekhn.nauk

Selection of the established power of groups of hydroelectric power stations in consolidated electric power systems. Ize.vys.ucheb.zav.; energ. 4 no.5:97-104 My '61. (MIRA 14:6)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina. Predstavlena kafedroy ispol'zovaniya vodnoy.energii. (Interconnected electric utility systems)

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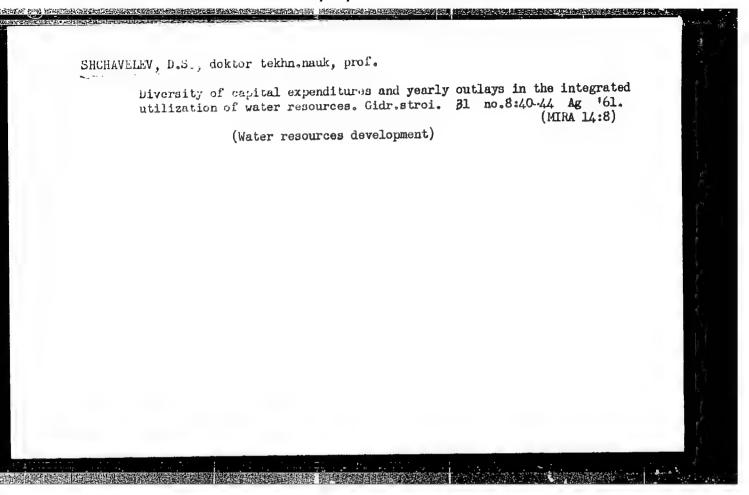
ruture public or hyperisotric part to insering five eye, uchek,
rave, opens, condicteded 5 %1, (king 14:11)

1. Lemispresshi politekhnicheskir institut imeni K.I.kalimina.
Fremstanlena kafednym ispol*zovaniya vodnoy energii.

(Hydroelectric power stations)

SHOPAVEIEV, D.S., doktor tekhn.nauk, prof.

Technological and economic substantiation of a possibility for developing a complex electric power system with utilization of the overall water power resources. Izv. vys. ucheb. zav.; energ. 4 no.11:105-110 N '61. (MIRA 14:12)



SECHAVELEV. D.S., doktor tekhn.nauk

Engineering and economic comparison of the parameters of hydroelectric power stations designed for operation in consolidated electric power systems. Elek. sta. 32 no.7:34-37 J1 '61.

(Electric power plants)

(Interconnected electric utility systems)

STOLLV.L.W., V., master sports, chempion SSSR po ralli 1961 g.

Lossons of the Transcarpathian track. Za rul. 19 nc. 6:15-12, S '61.

(NEW 14:10)

(Transcarpathian Province—Automobile racing)

SHCHAVELEV, D., prof., doktor tekhn.nauk

Thermal and hydraulic electric power plants in the plan of the overall electrification of the country. NTO 4 no.1:38-42 Ja '62.

(MIRA 15:1)

1. Predsedatel' gidroenergeticheskoy sektsii Leningradskogo oblastnogo pravleniya nauchno-tekhnicheskogo obshchestva energeticheskoy promyshlennosti.

(Electric power plants)

SHCHAVELEV, D.S., doktor tekhn.nauk, prof.

Technical and economic comparison of thermal and hydroelectric power plants. Teploenergetika 9 no.8:87-89 Ag '62. (MIRA 15:7) (Steam power plants) (Hydroelectric power stations)

ZAIKA, A.A., kand.ekonomicheskikh nauk; SHCHAVELEV, D.S., doktor tekhn.nauk (Leningrad)

Methodology for determining the economic efficiency of hydroelectric power stations. Elektrichestvo no.7:76-79 Jl '62. (MIRA 15:7)

1. Kiyevskiy ordena Lenina politekhnicheskiy institut (for Zaika). (Hydroelectric power stations)

Program control of pressure increase in a turbine pipeline with water hammer. Izv. vys. ucheb. zav.; energ. 6 no.4:94-100 (MIRA 16:5)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina. Predstavlena kafedroy ispol'zovaniya vodnoy energii. (Hydroelectric power stations) (Water hammer) (Pipelines)

SHCHAVELEV, D.S., doktor tekhn.nauk, prof.

Determination of mean-cubic expenditure of water in the pressure entrances of hydroelectric power stations. Izv. vys. ucheb. zav.; entrances of no.10:03-102 0 '63.

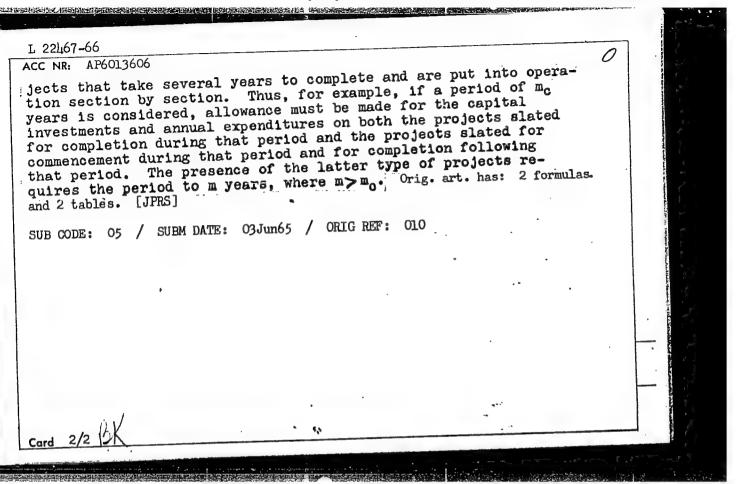
1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina.

Predstavleno kafedroy ispol'zovaniya vodnoy energii.

VASILIYEV, Yu.S., dotu., kand. tokhn. nauk; VEL'NER, Kh.A., dots., kand. tekhn. nauk; GINDUS, D.O., inzh.; GOLOVACHEVSKIY, N.I., dots., kand. tekhn. nauk; GROMOV, A.I., inzh.; DOMANSKIY, L.K., inzh.; ISAYEV, Yu.M., inzh.; KULESH, N.F., dots., kand. tekhn. nauk; MIKHALEV, B.N., dots., kand. tekhn. nauk; MOROZOV, A.A., prof., doktor tekhn. nauk [deceased]; NALIMOV, S.M., st. nauchn. sotr., kand. tekhn. nauk; REZNIKOVSKIY, A.Sh., kand. tekhn. nauk; SVANIDZE, G.G., doktor tekhn. nauk; TANANAYEV, A.V., dots., kand. tekhn. nauk; KHAZANOVA, A.Z., inzh.; CHERNYATIN, I.A., st. nauchn. sotr., kand. tekhn. nauk; SHCHAVELEV, D.S., prof., doktor tekhn. nauk; YAGODIN, N.N., st. nauchn. sotr., kand. tekhn. nauk; LEONOVA, B.I., red.

[Utilization of water power] Ispol'zovanie vodnoi energii.
Moskva, Energiia, 1965. 563 p. (MIRA 19:1)

L 22467-66 EWT(d)/EWP(1)SOURCE CODE: UR/0143/65/000/009/0067/0073 ACC NR AP6013606 AUTHOR: Shchavelev, D. S. (Doctor of technical sciences; Professor) ORG: Leningrad Polytechnic Institute im. M. I. Kalinin (Leningradskiy politekhnicheskiy institut) TITLE: Application of the standard methods developed by the Academy of Sciences USSR to the dynamic models of power systems SOURCE: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 9, 1965, 67-73 TOPIC TAGS: economics, economic program ABSTRACT: It is shown how the standard methods developed by the Academy of Sciences (cf. Tipovaya Metodika Opredeleniya Ekonomicheskoy Effektivnosi Kapital'nykh Vlozheniy i Novoy Tekhniki v Narodnom Khozyaystve SSSR (Standard Methods of Determining the Economic Effectiveness of Capital Investments and New Equipment in the National Economy of the USSR), Gosplanizdat, 1960) USSR for determining the economic effectiveness of capital investments can be applied to the comparison of variants of the payoff period of the additional investments made in power projects. The formulas presented take into account such factors as the savings in annual expenditures yielded by the individual variants, the over-all time of construction of the project, the difference in capi-tal investments required by the different variants, the cost of individual parts of the project. These formulas apply to pro-



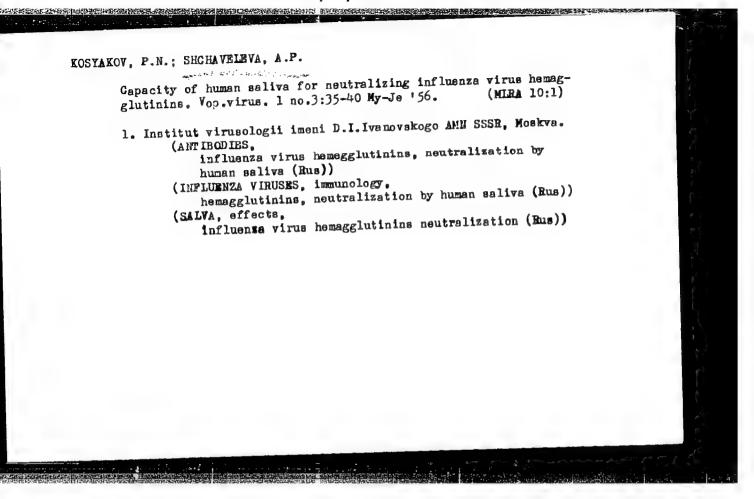
THE AVELEY, M.F. Cand Feen Sci (dies) "Utilization of asobalt enterials to reinforce points in hydraulic structures." Len, 1957 11 pp 23 cm. (USAR kin Migha: Ed. Leningrad Polybach Inst im M.R. Kalimin) 100 copies
(ML, 12-57, 104)

11:

SHCHAVELEV. N.F., starshiy nauchnyy sotrudnik, kand.tekhn.nauk

Internal pressure on asphalt keys of hydraulic structures and how to design them. Izv.VNIIG 63:85-100 160. (MIRA 14:5)

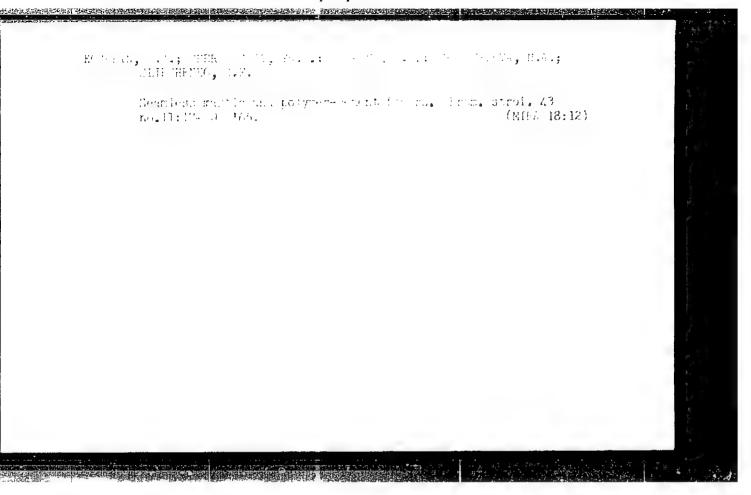
(Hydraulic structures)



VAOTRON, V.C.: FARIURE, M.M.: CHIRVA, G.I.: SHORATELEVA, A.F.

Sipper Cretaceous sediments of the Bakkaricasa neyhole. Izv.
AN Turm.S.R.Ser.fiz.-tekh., khim. I geol.maik no.51.9-74
(65. (MiRA 18:11))

1. TSentral'maya komplekennya termijeheskaya ekspeditsiya GPGK Turkmenskoy SCR.



L 15882-66 EWP(e)/EWT(m) WH	
ACC NR: AP6002807 SOURCE CODE: UR/0237/60/000/011/0027/0031	
AUTHOR: Demkina, L. I.; Selezneva, A. M.; Shchavelev, O. S.; Babkina, V. A. 4/5	П
DRG: none	
TITLE: The dependence of thermooptical properties of silicate glasses on their composition	
SOURCE: Optiko-mekhanicheskaya promyshlennost', no. 11, 1960, 27-31	
TOPIC TAGS: silicate glass, temperature dependence, optic glass, glass property	
ABSTRACT: The present paper gives the results of ap experimental study of the average increase in the value of the absolute index of refraction in glasses caused by increases in temperature at 643, 508, and 480 $m\mu$ wavelengths. The four base glasses used consisted of 1) Si0 ₂ -80, K ₂ 0-4, Na ₂ 0 ₃ -16, and As ₂ 0 ₃ -0.1; 2) Si0 ₂ -80, K ₂ 0-8, Na ₂ 0-12 and As ₂ 0 ₃ -0.1;	
3) $Si0_2-75$, $Pb0-19$, K_20-6 , and $As_20_3-0.2$; and 4) $Si0_2-75$, B_20_3-3 , $As_20_3-0.2$, $Ba0-7$,	
Z_{10-4} , K_{20-8} , and Na_{20-3} . They contained various amounts of Sio_2 , Tio_2 , B_2o_3 , Al_2o_3 ,	
${ m As_20_3,\ Sb_20_3,\ Pb0,\ Ba0,\ Zn0,\ Ca0,\ K_20,\ and\ Na_20}$ admixtures. Experimental data orga-	
Card 1/2	:

L 15882-66 ACC NR: AP6002807 nized in the form of comprehensive tables permitted empirical determinations of the constants entering into theoretical expressions established by L. I. Demkina (Issledovaniye zavisimosti svoystv stekol ot ikh sostava, Oborongiz, 1959) describing the temperature dependence of various optical indexes. Orig. art. has: 7 formulas, 2 figures, and 5 tables. SUB CODE: 11, 20 / SUBM DATE: 12Aug60 / ORIG REF: 006 / OTH REF: 008

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sov/81-59-5-17733

Translation from: Referativnyy zhurnal, Khimiya, 1959, Nr 5, pp 560 - 561 (USSR)

AUTHORS

Biderman, V.L., Drozhzhin, P.Kh., Pugin, V.A., Shchaveleva, V.F.

TITLE:

The Experimental Investigation of Deformations Occurring in Parts

of the Tread in a Pneumatic Tire

PERIODICAL.

Tr. N.-i in-ta shin prom.-sti, 1957, Nr 3, pp 5 - 15

ABSTRACT -

A method is described for measuring the deformations (D) occurring in parts of the tire (T) and some of the results of a study of D in the internal and external layers of the tread are submitted, depending on the factors of its construction and its operation conditions. The measuring of D is performed with a tensometer, which is a thin steel \(\int_\) -shaped cramp; wire transducers are pasted onto the horizontal plate from both sides. The fastening and insertion of the tensometer into the tread part, which is being measured, is accomplished by means of needles soldered onto the cramp with rubber disks, vulcanized onto it.

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A holder is also soldered onto the cramp for fastening the transducer

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onto the tread. The transducer is fed by a direct current. The electrical signal from the tensometer is amplified and fed to an oscillograph. In order to get a horizontal deflection of the beam of the latter a special scanning device is installed, which is a potentiometer, the brush of which rotates together with the tire, whereby the deflection of the beam of the oscillograph is proportional to the angle of T rotation. D was measured at various velocities of the rolling up to 50 - 60 km/hr. When the tread is rolling along a smooth surface the zone of the D elements of T spreads to 1/3 of the T circumference. The curves of change of the meridional (profile) and circumferential D, in the internal as well as the external layers of the tread, have the shape of three extrema, in which case the circumferential and meridional D have different signs in all the points. In the meridional direction the maximum D take place at a distance of 110 - 120 mm from the crown and at the same distance in the circumferential direction, whereby the value of D reaches 5 - 6%. The threads of the cord near the crown are subjected to D of The value of D of the threads is 1.0 - 1.5% above the initial stretching.

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The Experimental Investigation of Deformations Occurring in Parts of the Tread in a Pneumatic Tire

lengthening (2%), which depends on the internal pressure in T. On the side part the threads operate under compression, the greatest D (1.8 - 2.2%) of which occur in the cross-section located at 110 - 120 mm from the crown D of the rubber in the layer (30 - 40%) are mainly shear D. Additional dynamic D of the threads of the cord along the crown practically do not depend on the internal pressure. Compression D of the threads on the side within a pressure range of 2 - 5 kg/cm² do not depend either on the internal pressure. With a drop in the pressure to $< 2 \text{ kg/cm}^2$ the compression D increase. At a constant deflection the D of the rubber in the layer actually do not change due to internal pressure. The cord D along the grown do not depend on the deflection of T when the latter changes from 10 - 40 mm. With an increase in the deflection the compression D of the threads on the side increase. The shear D of the rubber in the layer also increase with an increase in the deflection. A change in the rolling velocity of T from 3 to 50 km/hr has no significant effect on the rubber and cord D. Pressing obstacles into T, D of the threads increase approximately in proportion to

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Card 3/5

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the magnitude of the impression and decrease with a drop of the internal pressure in T. With an increase in the number of layers of T, the thread and rubber D in the layers increase. A change in the cut angle of the chord threads (42, 52, 60°) has little effect on the cord thread D. When a concentrated load acts on T, an increase in the angle of the thread causes some increase in their D. With an increase in the thread angle from 42 to 60° the rigidity of the carcass in the circumferential direction increases, and in the meridional direction decreases, whereby the D of the layers in the circumferential direction decrease by 25 - 30%, and in the meridional direction increase by 40 - 50%. With an increase in the rigidity of the chord, the thread D decrease. The conditions of the cord F during rolling of T are close to the given conditions of the D cycle work. The shear D of the rubber in the layers do not depend on the type of the chord. When a concentrated load acts, the thread D in the tread made of hard rubber is greater than in soft one. The type of the profile and its depth have no

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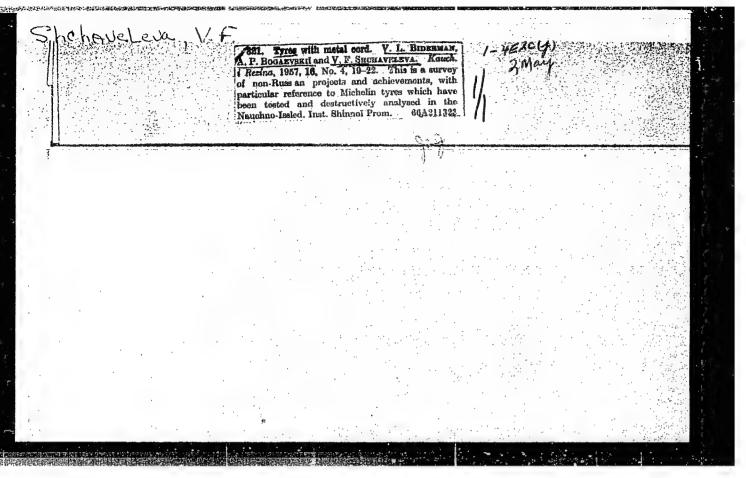
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The Experimental Investigation of Deformation Occurring in Parts of the Tread in a Pneumatic Tire

significant effect on the cord and rubber D when T rolls along a smooth path. When a concentrated load acts upon T, the profile type, its depths and the thickness of the sub-groove layer have an effect on the cord thread D.

M. Khromov

Card 5/5



L 39324-65 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(1) Pf-4 JD/EM

ACCESSION NR: AP5007682

S/0032/65/031/003/0374/0377

AUTHORS: Kul'bakh, A. A.; Shchavelin, V. M.; Makarychev, B. A.

TITLE: Device for measuring hardness at high temperatures/8

SOURCE: Zavodskaya laboratoriya, v. 31, no. 3, 1965, 374-377

TOPIC TAGS: material, material strength, hardness tester, heat tolerance

ABSTRACT: A device for measuring hardness of infusible materials in a temperature range from room temperature to 2000-3000C is described. The device consists of a vacuum chamber mounted upon a table which also holds the control console. The chamber contains a hoist-rotation table 1 for the specimens, a storage tube for specimens, with the loading device 3, the indentor unit 4, with replaceable weights 5 (see Fig. 1 on the Enclosure) and a heater system. The cylindrical core 6 of the chamber is fashioned of stainless steel and is double-walled to permit water-cooling. The sides 7 of the chamber also allow water cooling. The vacuum seal is aided by resin plugs 8. Special devices are used for internal loading and test control. Specimen sizes are prescribed in accordance with temperature ranges. The authors made the following comparative description of the given construction: 1) the loading weights on the indentor are completely inside the vacuum chamber, hence errors due to introducing loads externally are avoided; 2) application and removal Card 1/6).

"APPROVED FOR RELEASE: 08/09/2001

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ACCESSION NR: AP5007682

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of loads are automated and carried out continuously; 3) the time length of load application is given by means of a relay; 4) transmission of the specimen to the heating and loading zone is automated, thus expediting and facilitating the testing process. An additional view of the chamber is given in Fig. 2 on the Enclosure. The authors acknowledge the participation of Yu. G. Godin in the development of the device and of N. A. Yevstyukhin in its construction. Orig. art. has: 1 photograph and 2 figures.

ASSOCIATION: Moskovskiy inzhenerno-fizicheskiy institut (Moscow Engineering Physics

Institute)

SUBMITTED: 00

ENCL: 04

SUB CODE: MT, TD

NO REF SOV: 001

OTHER: 000

Card 2/6

s/2504/63/023/000/0134/02-. AT4001250 Levshin, V. L.; Arapova, E. Ya.; Blazhevich, A. I. Voro-W. Tal V.; Voronova, I. G.; Gutan, V. B.; Lavrov, A. V.: Popov. .; Fridman, S. A.; Chikhacheva, V. A.; Shchavenko, V. boudy of cathode lumb tescence of zinc sulfide and other ___ nhosphors AN SSSR. Fizicheskiy institut. Trudy*, v. 23, 1963 (4luminescence, cathode luminescence, phosphor, L. M. the phosphor, phosphorescence, photoluminescence, zinc sulfite collation energy, phosphor excitation ... STREET: This is a review article devoted to a theoretical and enpurimental analysis of excitation energy losses in cathode luminesthe approximate maximum cathode luminescence yield, exchange ...

ACCESSION MR: AT4001250

of energy between an electron beam and a layer of luminor through which it passes, and also the evolution of individual glow processes as functions of the excitation density and the temperature. Particular attention is paid to an investigation of the persistence proporties of ZnS phosphors and their connection with the location and filling of the electron and hole localization levels. A detailed livsis is made of the energy losses resulting from thermalization the electrons and holes, and it is shown that in cathode luminesthese unavoidable losses are very large and decrease the glowcy by approximately 2.5 times. Allowing for other losses. all glow efficiency in cathode luminescence cannot exceed _ -- 0.30. The study of the passage of an electron beam throughaned layers of zinc-sulfide luminors has established the volc-. je appendence of the electron penetration depth and the energy .o.ses at different depths of electron penetrations. The dependence of the spectral composition, brightness, and energy glow yield of. various zinc-sulfide and phosphate luminors on the current density,

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voltage, and temperature were investigated. A glow efficiency of 0.256 was calculated for one type ZnS-Ag luminor. The attenuation of glow of different types of cathode luminors to 0.1, 0.01. and 0.001 of the initial brightness was investigated and the presence of two superimposed de-excitation processes of different durations is established. The causes of the reduction in the duration of wiverglow with increasing excitation density are considered. The arrangement and development of localization level of the investigated luminors was studied by the thermal de-excitation method and a connection was established between the attenuation and liberation of the levels at definite dopths. "The authors are grateful to senior designer A. G. Ovchiraikov, radio technicians V. P. Ly*sc and Yu. A. Platukhin, senior laboratory assistants Z. M. Eruk, S. B. Kondrashkin, N. V. Mitrofanova, L. N. Petrakov, and A. D. Symphicov and laboratory assistant V. P. Prokhorova who helped with the present work." Orig. art. has: 56 figures, 28 formulas, and 4 tables.

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